In the Claims

1-10. (Canceled)

11. (Currently amended) An implantable device comprising a coating, which comprises a polymeric composition comprising a polysulfone (A) and an elastomeric polymer (B), wherein the polysulfone and the elastomeric polymer form a conjugate~~is selected from the group consisting of polyisobutylene, polyperfluoroalkylene, polyhexafluoropentene, polysiloxane, natural rubber, nylon, polymers and copolymers of acrylates or methacrylates and a combination thereof~~.

12. (Previously presented) The implantable device of claim 11, wherein the device is a stent.

13. (Previously presented) The implantable device of claim 12, wherein the coating further comprises a bioactive agent.

14. (Previously presented) The implantable device of claim 13 wherein the bioactive agent is selected from the group consisting of tacrolimus, dexamethasone, rapamycin, Everolimus, 40-O-(3-hydroxy)propyl-rapamycin, 40-O-[2-(2-hydroxy)ethoxy]ethyl-rapamycin, and 40-O-tetrazole-rapamycin, paclitaxel, taxoids, estradiol, steroidal anti-inflammatory agents, antibiotics, nitric oxide donors, super oxide dismutases, super oxide dismutase mimics, 4-amino-2,2,6,6-tetramethylpiperidine-1-oxyl (4-amino-TEMPO), and a combination thereof.

15-30. (Canceled)

31. (Canceled)

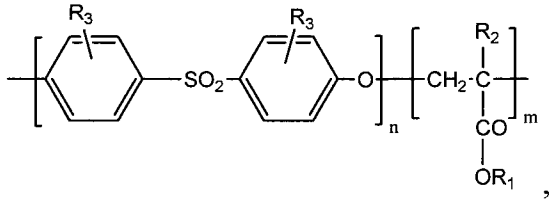
32. (Currently amended) The implantable device of claim 11, wherein ~~the polysulfone and~~ the elastomeric polymer ~~form a conjugate~~ is selected from the group consisting of polyisobutylene, polyperfluoroalkylene, polyhexafluoropentene, polysiloxane, natural rubber, nylon, poly(butyl methacrylate), poly(lauryl methacrylate), polyalkylene oxide, polyalkylene

oxide acrylate, and a combination thereof.

33. (Previously presented) The implantable device of claim 11, wherein the polysulfone and the elastomeric polymer form a polymer blend.

34. (Currently amended) The implantable device of claim ~~32~~11, wherein the conjugate comprises a copolymer that comprises at least one block of a polysulfone polymer (A) and at least one block of an elastomeric polymer (B) in a general formula selected from AB, ABA or BAB.

35. (Currently amended) The implantable device of claim 34, wherein the block copolymer is selected from the group consisting of



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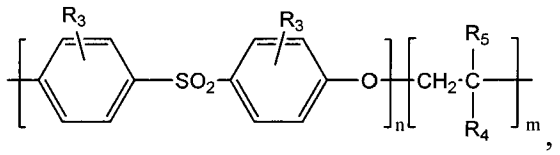

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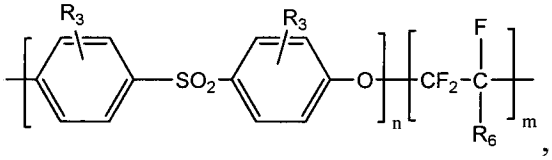
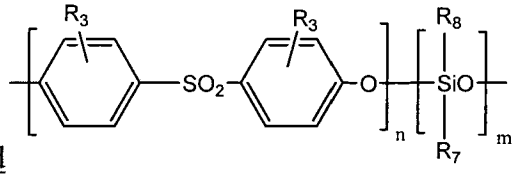


, and



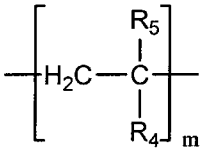
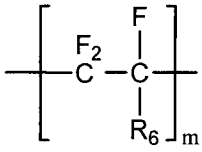
;

wherein R_1 is selected from the group consisting of C1 to C10 alkyl, C2, C4 and C6 hydroxyalkyl, C1 to C6 fluoroalkyl, phenyl, substituted phenyl, polyethylene glycol, polyalkylene oxide, ethylene oxide and propylene oxide;

wherein R_2, R_4, R_5, R_7 and R_8 are independently selected from the group consisting of hydrogen, C1 to C6 alkyl, C2, C4 and C6 hydroxyalkyl, C1 to C6 fluoroalkyl, phenyl, substituted phenyl, carboxyl, amido, ester groups bearing a polyethylene glycol, and polyalkylene oxide;

wherein R_3 is selected from the group consisting of hydrogen, alkyl, cycloalkyl, phenyl, carboxyl, halo, amino, hydroxyl, amido, sulfido, and polyalkylene oxide;

wherein R_6 is a perfluoroalkyl group;

wherein R_4, R_5, and R_6 are selected such that the  block and the  are elastomeric; and

wherein n and m are independently positive integers.

36. (Currently amended) The implantable device of claim 35, wherein R_1 is butyl, isobutyl or isopropyl;

wherein R_2 is hydrogen or methyl;

wherein R_3 is hydrogen, halo, or methyl;

wherein R_4 and R_5 are independently hydrogen, methyl, ethyl, isopropyl, butyl, isobutyl, or phenyl;

wherein R_6 is ~~F, CF_3,~~ CF_2CF_3, $CF_2CF_2CF_3$, perfluoroisopropyl, perfluorobutyl or perfluoroisobutyl; and

wherein R_7 and R_8 are independently methyl, ethyl, propyl, isopropyl, butyl, or isobutyl group.

37. (Currently amended) The implantable device of claim 35, wherein R_1 is butyl;

wherein R_2 is methyl;

wherein R_3 is hydrogen;

wherein R_4 ~~and~~ or R_5 are methyl groups;

~~wherein R_6 is CF_3;~~ and

wherein R_7 and R_8 are methyl groups.

38. (Canceled)

39. (Canceled)